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30 December 1968

MEMORANDUM FOR THE OSA/AMS RECORD, Info copies - as indicated.

SUBJECT: Results of Preliminary Review of OSA Aeromedical Records Available for Validation Study

1. In order to determine the potential value to be derived from a detailed examination of aeromedical data contained in past and present OSA records, an extensive search of the active and repository files has been made. This action was taken in order to provide a logical and sound basis for reaching a decision in concert with ORD Life Sciences and OMS-AE&S Staffs on the proposal to validate aeromedical and psychological aircrew selection criteria.

2. The writer has uncovered a considerable amount of material in the records (See Enclosure) and has made a personal evaluation of its potential value in providing a useful end-product from its statistical analysis. Admittedly having no expertise in the field of bio statistics, the writer nonetheless feels strongly that the data at hand could not be treated in any manner as to yield any valid correlations. However, a meeting has been set up in [redacted] conference room for 1330, 6 Jan 69, for the purpose of reviewing and evaluating said records. Meanwhile, the writer does feel that the aeromedical and operational records at hand could and should be extracted and summarized into a narrative, historical document which could have valuable reference to future selection and evaluation activities. The principal question to be raised in making a decision on such a project would be its ultimate worth in relation to the effort and/or costs involved.

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[redacted]
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Enclosures:

Tabulation of data

Info Copies:

[redacted]

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LIST OF RECORDS IN OSA FILES

1. "I" Project activities since 1956

Aeromedical and Related Records.

- 17 - Active Project Pilots - all categories
- Initial and Annual Aeromedical Examinations
- Initial Psychological Evaluations
- $\frac{1}{2}$ Evaluated by Psychiatrist
- $\frac{1}{2}$ Exposed to Special Training Exercise
- 25 - Inactive Project Pilots - U.S. Category
- Initial and some Annual Aeromedical Examinations
- No Psychiatric or Psychological Evaluations per se but on some the standard AF for SPF was completed.
- 16 - Inactive Project Pilots - other categories
- Initial Aeromedical Examinations
- 17 - Staff Assigned Pilots; checked out in aircraft but flew no operational missions.
- Initial and some annual aeromedical examinations
- 11 - Rejected candidates for assignment as project pilots
- Initial aeromedical examinations
- 6 - Project Pilots "washed-out" during training
- Aeromedical Examinations
- 5 - Contractor Test Pilots
- Aeromedical Examinations
- 6 - Aircraft Fatalities
- Aeromedical Examinations
- Accident Investigations
- Autopsy Reports
- 103 - TOTAL "I" Pilot Records

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2. "O" Project Activities Since 1962

- Project Pilots completing part or whole of operational tour
 - Initial and annual aeromedical examinations
 - AE&S Psychological evaluations
 - Psychiatric evaluations - [redacted]
 - Special training exercise
 - Semi-annual psychological evaluation by F/S

3 - Project assigned pilots dropped from the program

3 - Records same as above

2 - Project pilot fatalities in aircraft accidents

2 - Records as above

2 - 1 Accident and autopsy report

17 - Rejected candidates for assignment as project pilots - same as above except no follow-on records.

11 - Staff assigned pilots checked-out in aircraft but flew no missions

11 - Annual aeromedical examinations

6 - Contractor Test Pilots

46 - TOTAL "O" Pilot Records

103 - TOTAL "I" Pilot Records

149 - TOTAL Pilot Records Available

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3. Auxillary records available for possible correlation with aeromedical data.

Training mission Records Operational mission records
Officers' Effectiveness Reports Polygraph Records
Personnel Records - Personal Affairs
Sound Tapes from interviews, etc.

4. Follow-up aeromedical and operational data from Air Force and other government agencies could be made available if so desired.

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